

KDM4A antibody

Product Information

Catalog No.:	FNab04512
Size:	100µg
Form:	liquid
Purification:	Immunogen affinity purified
Purity:	≥95% as determined by SDS-PAGE
Host:	Rabbit
Clonality:	polyclonal
Clone ID:	None
IsoType:	IgG
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months (Avoid repeated freeze / thaw cycles.)

Background

This gene is a member of the Jumonji domain 2 (JMJD2) family and encodes a protein containing a JmjN domain, a JmjC domain, a JD2H domain, two TUDOR domains, and two PHD-type zinc fingers. This nuclear protein functions as a trimethylation-specific demethylase, converting specific trimethylated histone residues to the dimethylated form, and as a transcriptional repressor.

Immunogen information

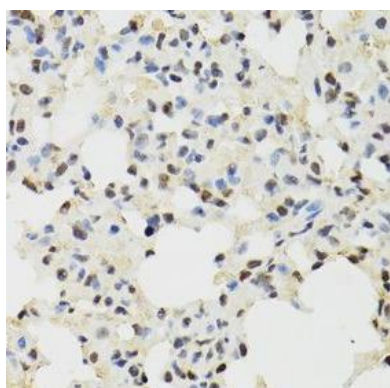
Immunogen:	lysine (K)-specific demethylase 4A
Synonyms:	Lysine-specific demethylase 4A JmjC domain-containing histone demethylation protein 3A Jumonji domain-containing protein 2A [histone H3]-trimethyl-L-lysine(36) demethylase 4A [histone H3]-trimethyl-L-lysine(9) demethylase 4A KDM4A JHDM3A JMJD2 JMJD2A KIAA0677
Observed MW:	150 kDa
Uniprot ID :	O75164

Application

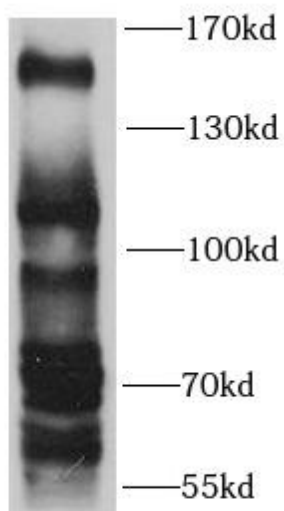
Reactivity:	Human, Mouse
Tested Application:	ELISA, WB, IHC

Recommended dilution: WB: 1:500 - 1:2000; IHC: 1:50 - 1:200

Image:



Immunohistochemistry of paraffin-embedded mouse lung using FNab04512(KDM4A antibody) at dilution of 1:100



mouse brain tissue were subjected to SDS PAGE followed by western blot with FNab04512(KDM4A antibody) at dilution of 1:1000